

# INTERNATIONAL SEARCH REPORT

In International Application No  
PCT/IB 03/06015

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01L29/78 H01L29/423 H01L21/336

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 11, 28 November 1997 (1997-11-28) -& JP 09 181311 A (NEC KANSAI LTD), 11 July 1997 (1997-07-11) abstract; figures 1,2,3A-D	1-4,6,7, 11
X	PATENT ABSTRACTS OF JAPAN vol. 005, no. 003 (E-040), 10 January 1981 (1981-01-10) -& JP 55 133574 A (NEC CORP; OTHERS: 01), 17 October 1980 (1980-10-17) abstract; figures 1,2	1-4,6,7, 11
A	US 5 242 845 A (OSAWA AKIHIKO ET AL) 7 September 1993 (1993-09-07) column 5, line 43 -column 6, line 26; figures 5,7A-I	1-12

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

14 Apr 11 2004

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21/04/2004

Name and mailing address of the ISA

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 09181311	A	11-07-1997	NONE	
JP 55133574	A	17-10-1980	NONE	
US 5242845	A	07-09-1993	JP 2753155 B2	18-05-1998
			JP 4229662 A	19-08-1992
			KR 9506483 B1	15-06-1995
			US 5126807 A	30-06-1992



**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*